SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable:
   Holly Street Permanent Creek Bank Repair

2. Name of applicant:
   Issaquah School District No. 411

3. Address and phone number of applicant and contact person:

a. Owner/Applicant: **Issaquah School District No. 411**
b. Contact: **Janelle Walker / Tom Mullins**
c. Address: **5150 220th Avenue SE**
Issaquah, WA 98029
d. Phone: **425-837-7036**
e. email: **walkerj2@issaquah.wednet.edu**
mullinst@issaquah.wednet.edu

f. Contact for SEPA: **City of Issaquah**
g. Address: TBD
h. Phone: TBD
i. E-mail: TBD

4. Date checklist prepared: **November 3, 2021.**

5. Agency requesting checklist:
Issaquah School District No. 411
City of Issaquah Development Services Dept

6. Proposed timing or schedule (including phasing, if applicable):
Construction is anticipated to begin July 2022 and completed by September 2022. Staging of materials will take place in early 2022. All in-stream work will occur between July 1st and August 31st

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- **Geotechnical and Engineering Geologic Hazard Evaluation, prepared by Nelson Geotechnical Associates, Inc. dated October 28, 2021.**
- **Arborist report/ tree evaluation, prepared by Washington Forestry Consultants Inc. dated September 28, 2020.**
- **Historical Preservation Letter "No Adverse Impact" prepared by Department of Archaeology & Historic Preservation, dated December 18, 2020.**
- **Archaeological Report prepared by Tierra Right of Way dated August 3, 2021.**
- **Holly Street Permanent Creek Bank Repair Site plans prepared by Nelson Geotechnical Associates, Inc. dated October 22, 2021.**
- **Critical Area Study and Mitigation Plan prepared by Wetland Resources, Inc. dated November 2, 2021 – Still need from Meryl.**
- **Floodplain Habitat Assessment prepared by Wetland Resources, Inc. Dated Oct. 29, 2021.**
- **Topographic Survey prepared by Group 4 Inc. dated July 22, 2021.**
- **Project Narrative for Holly Street Creek Bank Repair**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No.

10. List any government approvals or permits that will be needed for your proposal, if known.

City of Issaquah permits/ approvals:

- **Site Work Permit**
- **Flood Hazard Permit**
- **Building Permit**
- **Shoreline Permit**
- **Design Review**

US Army Corps of Engineers

- **Nationwide Permit**

WA State Department of Ecology

- **Section 401 Water Quality Certification**

WA Department of Fish and Wildlife

- **Hydraulic Project Approval**

FEMA review

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The site is a 19.31-acre parcel located at 565 Northwest Holly Street, in the city of Issaquah, Washington. This site is currently developed with Issaquah Valley Elementary School in the western portion, Dodd Fields Park in the south-central portion, and Holly Street Campus Early Learning Center building in the eastern portion. Issaquah Creek is located along the eastern property boundary. During the winter of 2019-2020, during periods of unusually heavy, prolonged rain, Issaquah Creek experienced extensive erosion of its west bank along the eastern boundary of the subject site. An initial geotechnical assessment performed by Associated Earth Sciences, Inc. (*Geotechnical Design Recommendations – Issaquah Creek Bank Erosion Repair*, dated July 9, 2020) determined that unless stabilized, the channel erosion would continue to encroach into the District's property. Further erosion would cause damage to existing infrastructure and posed a safety hazard. A temporary emergency bank stabilization measure was installed in March 2021 to prevent damage to existing infrastructure on the site and ensure safety.

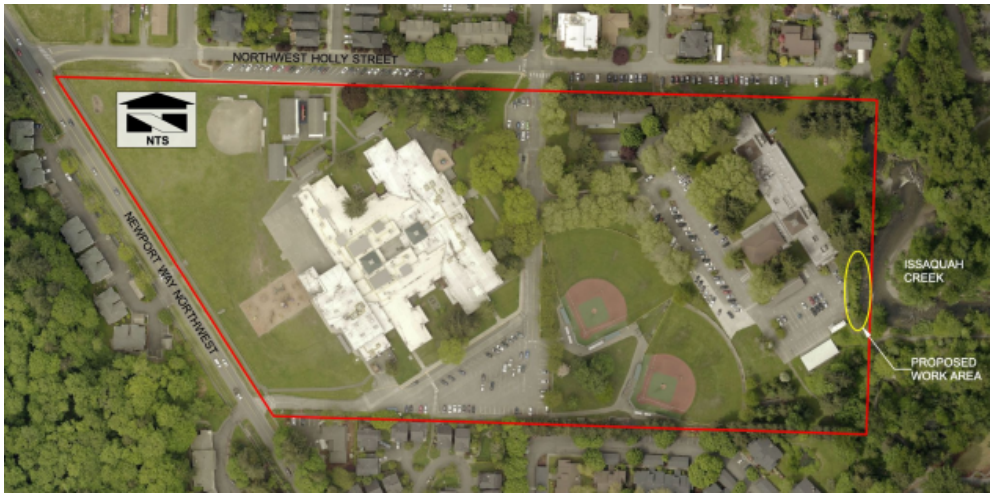
The current proposed project is for installation of more comprehensive, permanent stabilization measures consistent with bioengineering techniques required by multiple agencies and the City of Issaquah. The permanent stabilization project will consist of installing streambank protection along approximately 130 feet of cutbank on the west side of Issaquah Creek. Protection will include reconstruction of a portion of the bank lost to channel erosion in proximity to Issaquah School District infrastructure with an engineered, non-deformable 'log toe' incorporating large woody debris, habitat boulders and anchoring.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or

boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

565 NW Holly Street, Issaquah, WA 98027; Approximately 841,186 SF (19.31 ACRES)
Parcel #2824069012

THAT PORTION OF THE FOLLOWING DESCRIBED PROPERTY LYING EAST OF THE NEWPORT-ISSAQUAH ROAD AS CONVEYED TO KING COUNTY BY DEED RECORDED UNDER RECORDING NUMBER 856717:
THE SOUTH HALF OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER; ALSO THE SOUTH 58.5 FEET OF THE EAST 336 FEET OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, ALL IN SECTION 28, TOWNSHIP 24 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, IN KING COUNTY, WASHINGTON;
TOGETHER WITH THE NORTH HALF OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER; ALSO THE NORTH 330 FEET OF THE EAST 336 FEET OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, ALL IN SECTION 28, TOWNSHIP 24 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, IN KING COUNTY WASHINGTON;
EXCEPT THAT PORTION THEREOF AS DEEDED TO KING COUNTY FOR STREET PURPOSES BY DEED RECORDED UNDER RECORDING NUMBER 8008250588.



B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(circle one): (Flat), rolling, hilly, (steep slopes), mountainous, (other _stream-incised_)

b. What is the steepest slope on the site (approximate percent slope)?
Near vertical stream banks, 100%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.
Alluvial sand and gravels. Agricultural Designation: Briscot silt loam. No active agricultural use within the project area.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
There are no indications or listing of unstable soils in the immediate vicinity. The creek bank has been eroded due to changes in flow patterns of the creek.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.
Total disturbance area: +/- 12,400 SF
Grading quantities: Cut – 450 cubic yards Fill – 780 cubic yards.
Fill will be sourced from select material from the cut and from spec topsoil and local earth material distributors.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Yes, Bank erosion may occur due to construction activity within the active creek. Temporary stream diversion and Best Management Practices including Surface Water Control should reduce this risk.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
ZERO.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Best Management Practices will be used to control erosion during construction. These will include impermeable lining of temporary stream diversion methods within the construction area and treatment of all seepage within the construction area. Heavy machinery will not be used within the exposed creekbed and will be limited to upland areas. Inlet protection will be provided for surface water collection areas.

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.
Construction could result in a temporary increase in air pollution, including emissions from equipment and dust from construction activities. Most diesel equipment uses low sulfur fuel. Contractors will be encouraged to use low sulfur diesel fuel. There would be no post-construction emissions.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

There are no known off-site sources of emissions or odor that may affect the proposal.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Construction dust if any to be controlled during dry seasons with a water truck.

3. Water [help]

a. Surface Water: [help]

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes, Issaquah Creek is a year-round stream which flows along the eastern property boundary and outlets to Lake Sammamish north of the site. Lake Sammamish outflows to the north to the Sammamish River, which flows to Lake Washington and then to Puget Sound. Issaquah Creek is a perennial fish-bearing stream known to contain multiple salmonid species.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, all in-stream construction will occur during the 2022 fish window which is July 1st, 2022 through August 31, 2022. Construction of the stream bank stabilization measures will include work within the ordinary high-water mark of Issaquah Creek. To facilitate work within the stream buffer and reduce impacts associated with construction, fish will be removed from the work area and a temporary coffer dam will be installed along the perimeter to isolate the work area for the duration of construction.

Reference attached Project Narrative and Holly Street Permanent Creek Bank Repair Site plans prepared by Nelson Geotechnical Associates, Inc. dated October 22, 2021.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Within the stream up to 350 cubic yards of dredge will be needed to facilitate installation of large woody debris as scour protection. Fill will include large woody debris sourced from the site or local forests, and select material from the excavation, supplemented with spec material from local earth material distributors.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

Yes, Temporary stream diversion around the work area will be needed during excavation for the bank improvements and reconstruction in accordance with the attached site plan, this will include a coffer dam or similar barrier to isolate the work area. Any water that enters the work area will be pumped to a baker tank to allow sediment to settle and measured and treated for turbidity. Clean water will be returned to Issaquah Creek.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
Yes. See sheet C200 or C300 in lower left hand corner. Reference Holly Street Permanent Creek Bank Repair Site plans prepared by Nelson Geotechnical Associates, Inc. dated October 22, 2021.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
No.

b. Ground Water: [help]

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.
No water will be withdrawn from the ground.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.
No waste material will be discharged into the ground from septic tanks or other sources.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.
Storm water runoff generated from site surfaces will be collected by catch basins. Groundwater seepage from bank excavations and Temporary Stream Diversion will be measured and treated for turbidity in an on-site baker tank and discharged back into Issaquah Creek on an as-needed basis in accordance with Federal, State, and City of Issaquah Storm water Management practices regulating quality and quantity of discharge.

2) Could waste materials enter ground or surface waters? If so, generally describe.
Best Management Practices and Temporary Stream Diversion methods should prevent waste materials from entering ground or surface waters.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, the proposal does not alter or otherwise affect the drainage patterns in the vicinity of the site. The proposed stabilization measures will protect the existing infrastructure on the site while allowing Issaquah Creek to continue to flow along its normal course.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Groundwater seepage from bank excavations and Temporary Stream Diversion will be measured and treated for turbidity in an on-site baker tank and discharged back into Issaquah Creek on an as-needed basis in accordance with Federal, State, and City of Issaquah Storm water Management practices regulating quality and quantity of discharge.

4. Plants [help]

a. Check the types of vegetation found on the site:

__X__deciduous tree: alder, maple, aspen, other
__X__ evergreen tree: fir, cedar, pine, other
__X__ shrubs
__X__ grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
___ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
__X__ other types of vegetation (blackberries, ivy)

Vegetation on the site includes: big leaf maple (*Acer macrophyllum*), western red cedar (*Thuja plicata*), Douglas fir (*Pseudotsuga menziesii*), alder (*Alnus rubra),* black cottonwood (*Populus balsamifera*), cascara (*Frangula purshiana*), salmonberry (*Rubus spectabilis*), Himalayan blackberry (*Rubus armeniacus*), bracken fern (*Pteridium aquilinum*), sword fern (*Polystichum munitum*), reed canarygrass, (*Phalaris arundinacea*) and trailing blackberry (*Rubus ursinus*).

b. What kind and amount of vegetation will be removed or altered?

Some trees will be removed among the creek bank edge to protect the existing building and creek bank. The project will use the woody debris within the final creek repair.
Vegetation within the ground disturbance area is Douglas fir, English ivy (Hedera helix), dandelion (Taraxacum spp.), milk thistle (Silybum spp.), clover (Trifolium spp.), Himalayan blackberry (Rubus armeniacus), grasses, and sedges.

c. List threatened and endangered species known to be on or near the site.

To our knowledge, there are no threatened or endangered plant species on or near the proposal's development footprint and no listing is shown on the Washington Department of Fish and Wildlife *Priority Habitat and Species on the Web.*

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Buffer restoration plantings will be included in the final creek bank repair in addition to the existing trees and vegetation. Proposed plants will be native species.

e. List all noxious weeds and invasive species known to be on or near the site.
Blackberries, English ivy

5. Animals [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

Species likely to utilize the site include:
Columbian black-tailed deer (*Odocoileus hemionus columbianus*), gray squirrel (*Sciurus* spp.), raccoon (*Procyon lotor*), Virginia opossum (*Didelphis virginiana*), Eastern cottontail (*Sylvilagus floridanus*), American Crow (*Corvus brachyrhynchos),* American Robin (*Turdus migratorius*), Steller's Jay (*Cyanocitta stelleri*), Black-capped Chickadee (*Poecile atricapilla)*, Dark-eyed Junco (*Junco hyemalis*), Song Sparrow (*Melospiza melodia*), and Spotted Towhee (*Pipilo maculatus*).

Fish species documented in Issaquah Creek include:
Chinook (*Oncorhynchus tschawytscha*), Coho (*Oncorhynchus kisutch*), Steelhead (*Oncorhynchus mykiss*), Sockeye (*Oncorhynchus nerka*), resident Coastal Cutthroat (*Onchorhynchus clarkii*), and Kokanee (*Oncorhynchus nerka*).

These lists are not meant to be all-inclusive and may omit species that currently utilize or could utilize the site.

b. List any threatened and endangered species known to be on or near the site.
Puget Sound Chinook and Puget Sound Steelhead are documented to occur in Issaquah Creek. Bull trout are known to be present downstream of the project site within Lake Sammamish. The Washington Department of Fish and Wildlife *Priority Habitat and Species* map shows that the project site is within a Township where Townsends Big Eared Bat (WA candidate species) present.
A detailed review of the project's potential effects on wildlife and habitat is provided in the Floodplain Habitat Assessment by Wetland Resources, Inc. dated October 29, 2021.
c. Is the site part of a migration route? If so, explain.

Issaquah Creek is a migration route for anadromous salmonids. The site is located within the Pacific Flyway, which is a migration corridor for many bird species and includes California, Oregon, and Washington.

d. Proposed measures to preserve or enhance wildlife, if any:

Work will take place during the dry season and within the approved fish window (July1-August 31). A coffer dam or equivalent barrier will be in place to isolate the work area and to minimize impacts to aquatic wildlife in Issaquah Creek. Utilizing rounded boulders and incorporating large wood debris will minimize any potential impact to aquatic species and provide fish habitat. Prior to installation of the cofferdam and construction, fish exclusion netting will be installed and any fish present will be removed and placed downstream of the work area. Turbity water monitoring will occur downstream of the construction area.

Isolating the work area will allow the stabilization measures to be constructed outside the water column. All in-stream work will only occur during the dry season, and within the approved fish window when flooded conditions are not present. BMP and TESC measures will prevent any indirect impacts to terrestrial and aquatic areas outside the clearing limits.

Utilizing rounded boulders and incorporating large woody debris will minimize any potential impact to aquatic species and provide fish habitat. Buffer restoration plantings will increase the value of wildlife habitat on the site.

Reference Floodplain Habitat Assessment by Wetland Resources, Inc. dated October 29, 2021.

e. List any invasive animal species known to be on or near the site.
No invasive animal species are known to be on the site.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
Not applicable. No Energy will be used, the proposal is for a creek bank repair.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
Not applicable. No affect to solar energy, the proposal is for a creek bank repair.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:
Not applicable. No energy is generated from this work, the proposal is for a creek bank repair.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

1) Describe any known or possible contamination at the site from present or past uses.

No contamination is known to be at the site from present or past uses.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

No existing hazardous chemical/conditions are known to be within the project area or in the vicinity.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

There will be heavy equipment used on the site which will include the use of gas and/or diesel fuel.

4) Describe special emergency services that might be required.

No special emergency services will be required other than those normally provided such as police and fire protection.
On-call consultants will be present or available to document and address additional environmental health hazards.

5) Proposed measures to reduce or control environmental health hazards, if any:

Standard earthwork safety measures and utilization of best management practices will be used to reduce exposure to occupational health hazards associated with construction.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

There are no off-site sources of noise that will impact this proposal. The primary source of noise in the area is generated from vehicular traffic adjacent to the property.

2) What types and levels of noise would be created by or associated with the project on a
short-term or a long-term basis (for example: traffic, construction, operation, other)? Indi-
cate what hours noise would come from the site.

Temporary, short-term noise impacts typical of construction projects will occur with operation of equipment during construction. Hours of construction will occur as designated by the City of Issaquah.

There will be no long term noises associated witht his project.

3) Proposed measures to reduce or control noise impacts, if any:

Construction noise only to occur during approved City ordinance hours and will be limited to the construction of the project. All machinery will be turned off when not in use. A generator may be necessary to run potential dewatering systems within the creek bank.

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Current use of the site: Holly Street Campus Early Learning Center which is on the Issaquah School District property as well as the parking lot on same property.

Current uses of adjacent properties: Issaquah Valley Elementary School, Issaquah School District parking lots and the City of Issaquah park and ball fields.
The proposal will not affect current land uses of the adjacent properties as this work will be completed during the summer.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

c. Describe any structures on the site.

Issaquah School District, Holly Street Campus Early Learning Center.

d. Will any structures be demolished? If so, what?

Temporary streambank protection measures consisting of a steel pile and sheet wall and gravel bags will be removed as part of the proposed long-term bank stabilization.

e. What is the current zoning classification of the site?

The project site is currently located within the CF-F and CF-R zoning designations: Community Facilities -Facilities and -Recreation.

f. What is the current comprehensive plan designation of the site?
The site is designated as Community Facilities in the current City of Issaquah Comprehensive Plan.

g. If applicable, what is the current shoreline master program designation of the site?
Urban Conservancy.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
Issaquah Creek is a Class 1 waterbody (Shoreline of the State), as classified by the City of Issaquah and is regulated as a critical area. The streambank of Issaquah Creek on and adjacent to the property includes areas of steep slopes that meet the definition of a landslide hazard area.

i. Approximately how many people would reside or work in the completed project?
No one will reside or work in the completed project.

j. Approximately how many people would the completed project displace?
The completed project will not displace anyone.

k. Proposed measures to avoid or reduce displacement impacts, if any:
No specific measures proposed, as the proposal will not result in the displacement of any individuals.

L. Proposed measures to ensure the proposal is compatible with existing and projected land
uses and plans, if any:
The proposed project will comply with local and state codes and guidelines. No change in land use will result from the project.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
Not applicable.

9. Housing [help]

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Not applicable. No housing will be built, the proposal is for a creek bank repair.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Not applicable. No housing is eliminated, the proposal is for a creek bank repair.

c. Proposed measures to reduce or control housing impacts, if any:
Not applicable. No housing impacts, the proposal is for a creek bank repair.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
The bank improvements will be flush or lower than the top of the existing bank. New vegetation will be planted within the project area. The principle exterior building materials are large woody debris, boulders, cables, tie-back anchors and vegetation.

b. What views in the immediate vicinity would be altered or obstructed?
Some trees may be removed downstream of the project to eliminate the risk of whole tree failure. Reference Arborist report/ tree evaluation, prepared by Washington Forestry Consultants Inc. dated September 28, 2020. This will temporarily alter the view between Confluence Park and the District's property. No long term alteration will occur. As the mitigation plantings mature, this area will be restored to similar conditions as those that currently exist.

c. Proposed measures to reduce or control aesthetic impacts, if any:
Aesthetic impacts will be reduced by including natural materials into the bank reconstruction and revegetating with species best-fit for the site and endemic to the region.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Not applicable. Construction work will occur within the City of Issaquah construction hours.

b. Could light or glare from the finished project be a safety hazard or interfere with views?
Not applicable. No lights will be altered or installed, the proposal is for a creek bank repair.

c. What existing off-site sources of light or glare may affect your proposal?
None, the proposal is for a creek bank repair.

d. Proposed measures to reduce or control light and glare impacts, if any:
Not applicable, lights will not be altered, the proposal is for a creek bank repair.

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?

Holly Street Campus Early Learning Center is located on the property within 100ft.

Dodd Fields Park is approximately 1,000ft away from the site and includes youth baseball and softball activities.

Confluence Park is directly east of/adjacent to property.

Issaquah Valley Elementary School approximately 1,000ft away from the site.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No recreational opportunities would be displaced.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Repairing the creek bank will help to control further parking lot erosion impacts to the Holly Street Campus Early Learning Center. Installation of the bank stabilization project will also protect the adjacent pedestrian trails and recreation opportunities at Confluence Park.

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

Yes. Holly Street Campus Early Learning Center building located on the site is listed as eligible on the Department of Archaeology and Historic Preservation WISAARD map. It is depicted as feature #336967. Reference Historical Preservation Letter "No Adverse Impact" prepared by Department of Archaeology & Historic Preservation, dated December 18, 2020.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Yes. There are previously recorded archaeological sites within 1 mile of the APE. Tierra Right of Way's Archaeological report noted that background research determined a very high probability for encountering precontact cultural resources. The results of the field investigation indicate that the potential for intact cultural deposits exists within the APE due to shallow previous disturbance and sediment type, although no cultural resources were identified during the field investigation of this site.

Reference Archaeological Report prepared by Tierra Right of Way dated August 3, 2021.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. Methods used to assess potential impacts to cultural and historice resources near the project site include:

- **Communication with Department of Archaeology & Historical Preservation.**
- **Archaeological Report prepared by Tierra Right of Way dated August 3, 2021, who also solicited the Tribes.**
- **Consultation with FEMA.**

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No impacts to the Holly Street Campus Early Learning Center (or any other structures on the site are proposed.

Tierra Right of Way will be present onsite when the temporary structure is removed. During the course of construction if there is an Inadvertent Discovery of Archaeological Resources all work will stop on the site. A U.S. Secretary of Interior (SOI)–qualified archaeologist will be contacted to verify the nature of the find. The construction supervisor will take appropriate steps to protect the discovery site. A buffer area large enough to protect the find from damage (15 m [50 feet]) will be established around the discovery site. Work may continue in other portions of the work site.

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.
The project site is flanked by Issaquah Creek its west side. Development to the north, south, and east consists primarily of parks, residential communities and Issaquah Valley Elementary School. During the project construction trucks will enter from Newport Way NW to NW Holly Street to School District Road. The Project will take place during summer 2022 Fish Window from July 1st to August 31st with minimal impacts to public streets. School will not be in session; minor traffic from construction vehicles will not increase congestion in this area of affect the cueing of the site.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?
Not applicable. Public transit will not be affected, the proposal is for a creek bank repair

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

Not applicable. No parking spaces are being added or altered, the proposal is for a creek bank repair.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).
Not applicable. No improvements to roads, streets, etc., the proposal is for a creek bank repair.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
The project will not use water, rail, or air transportation.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?
Not applicable. Zero vehicle traffic will be generated from this project, the proposal is for a creek bank repair.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.
Not applicable. No affect to agricultural/forest products on roads/streets, the proposal is for a creek bank repair.

h. Proposed measures to reduce or control transportation impacts, if any:
Not applicable. Transportation will not be affected, the proposal is for a creek bank repair.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.
Not applicable, the proposal is for a creek bank repair.

b. Proposed measures to reduce or control direct impacts on public services, if any.
Not applicable, the proposal is for a creek bank repair.

16. Utilities [help]

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
Electricity may be needed, but would be sourced from the existing service on the Issaquah School District property; Issaquah School District is performing the Creek Bank repair work.

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Janelle Walker

Name of signee **Janelle Walker**

Position and Agency/Organization **Project Coordinator / Issaquah School District**

Date Submitted: 11/3/2021